

Page 46, line 2, please change "oHG" to --OHG--;

Page 47, line 15, please change "units" to --unit--;

Page 47, line 16, please change "units" to --unit--;

Page 47, line 17, please change "units" to --unit--;

Page 47, line 31, please change "3 x 10⁵" to --3 x 10⁵--;

IN THE CLAIMS:

Please cancel claims 1-25 and replace them with claims 26-39:

sub D1
C.
--26. A nucleic acid molecule encoding a protein with the function of a potato α -glucosidase, selected from the group consisting of

- a) nucleic acid molecules which encode a protein which encompasses the amino acid sequence stated under SEQ ID NO: 2 or its derivatives or parts,
- b) nucleic acid molecules which encompass the nucleotide sequence shown under SEQ ID NO: 1 or its derivatives or parts, or a corresponding ribonucleotide sequence;
- c) nucleic acid molecules which specifically hybridize with, or are complementary to, the nucleic acid molecules stated under a) or b), and have over 70% homology, and
- d) nucleic acid molecules whose nucleotide sequence deviates from the sequence of the nucleic acid molecules stated under a), b) or c) owing to the degeneracy of the genetic code.

27. A recombinant nucleic acid molecule containing

C

- a) a nucleic acid molecule encoding a protein with the function of a potato α -glucosidase as claimed in claim 26 and
- b) one or more nucleotide sequences which encode a protein selected from amongst group A, composed of proteins with the function of branching enzymes, ADP glucose pyrophosphorylases, granule-bound starch synthases, soluble starch synthases, debranching enzymes, disproportioning enzymes, plastid starch phosphorylases, R1-enzymes, amylases, glucosidases, parts of said nucleotide sequences, or nucleic acid molecules which hybridize with said nucleotide sequences.

28. A nucleic acid molecule as claimed in claim 26, which is a deoxyribonucleic acid molecule.

29. A nucleic acid molecule as claimed in claim 27, which is a cDNA molecule.

30. A nucleic acid molecule as claimed in claim 26, which is a ribonucleic acid molecule.

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DD2

31. A nucleic acid molecule which specifically hybridizes, with a nucleic acid molecule as claimed in claim 26.

32. A vector comprising a nucleic acid molecule as claimed in claim 26.

33. A vector comprising a nucleic acid molecule as claimed in claim 26, wherein the nucleotide sequence encoding a protein with the function of an α -glucosidase or parts thereof is present in sense or antisense orientation.

34. A vector comprising a nucleic acid molecule as claimed in claim 27, wherein the nucleotide sequence encoding one or more proteins selected from group A or parts thereof is present in sense or antisense orientation.

35. A vector comprising a nucleic acid molecule as claimed in claim 27, wherein the nucleotide sequence encoding one or more proteins selected from group A is partly present in sense orientation and partly in antisense orientation.
36. A vector comprising a nucleic acid molecule as claimed in claim 26, which is linked to regulatory elements which ensure transcription and synthesis of an RNA, which is optionally translatable, in a pro- or eukaryotic cell.
37. A host cell which is transformed with a nucleic acid molecule as claimed in one or more of claims 26-31 or a vector as claimed in one or more of claims 32-36 or which is derived from such a cell.
38. A process for the generation of a transgenic plant cell which synthesizes a modified starch, wherein a nucleic acid molecule as claimed in one of more of claims 26-31 or a vector as claimed in claim 32-36 is integrated into the genome of a plant cell.
39. A plant cell which is obtainable by a process as claimed in claim 38.--

REMARKS

The amendments are requested solely to correct minor editorial errors and provide an accurate correlation between the sequences found in the specification and the new sequence listing provided herewith. No new matter is added by the amendments. The amendment removes the multiple claim dependencies, and the filing fee for this application was computed on the basis that no dependent claims depends from more than one preceding claim.

In the unlikely event that the Patent Office determines that an extension and/or other relief is required as a result of this statement, applicant petitions for any required relief including extensions of time and authorize the Assistant Commission to charge the cost of such